

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) ~~A~~ An isolated peptide consisting of a size comprised between 5 and 40 5 to 30 amino acids acid residues, originating from a human cytokine, characterized in that at least one of its amino acids comprises at least one of its atoms separated by a distance d of less than 5 angströms from an atom of the receptor for said cytokine when said cytokine is bound to ~~the~~ its receptor, the spacing d being evaluated on the basis of structural data, wherein said isolated peptide comprises a sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:37, SEQ ID NO:4, SEQ ID NO:38, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:39, SEQ ID NO:25, and SEQ ID NO:26~~with the exception~~

- ~~- of the peptides comprised between the 2nd and 3rd cysteine of h RANTES, MIP 1 α and MIP 1 β , and~~
- ~~- of the peptides comprised between amino acids 123 and 140 of IFN α , and with the proviso that said peptide is not the peptide of SEQ ID NO:1.~~

Claims 2-13 (Cancelled)

14. (Currently amended) A pharmaceutical composition, comprising the peptide of claim 1 ~~which contains at least one peptide or peptide derivative or immunogenic compound as defined in claim 1 or comprised between amino acids 123 and 140 of IFN- α ,~~ as active ingredient and a pharmaceutically acceptable excipient.

15 (New). The isolated peptide of claim 1 which comprises SEQ ID NO:2.

16 (New). The isolated peptide of claim 1 which comprises SEQ ID NO:3.

17 (New). The isolated peptide of claim 1 which comprises SEQ ID NO:37.

18 (New). The isolated peptide of claim 1 which comprises SEQ ID NO:4.

19 (New). The isolated peptide of claim 1 which comprises SEQ ID NO:38.

20 (New). The isolated peptide of claim 1 which comprises SEQ ID NO:5.

21 (New). The isolated peptide of claim 1 which comprises SEQ ID NO:6.

22 (New). The isolated peptide of claim 1 which comprises SEQ ID NO:7.

23 (New). The isolated peptide of claim 1 which comprises SEQ ID NO:39.

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24 (New). The isolated peptide of claim 1 which
comprises SEQ ID NO:25.

25 (New). The isolated peptide of claim 1 which
comprises SEQ ID NO:26.